Turnover of Indian Computer Companies

1795. SHRI BHAGATRAM MANHAR Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that some Indian Computer Companies have achieved a turn-over of Rs. 1 crore each; and

(b) if so, what are the names of these companies and the details of their products and operations during 1988-89, 1989-90 and projections for 1990-91 ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (PROF. M.G.K. MENON): (a) and (b) Yes, Sir. These companies are CMC Limited, Hindustan Computers Limited (HCL) and Wipro Information Technology Limited.

CMC Limited is involved in the maintenance of imported as well as indigenous computers, software development for the domestic as well as export market, system engineering and turn-key solutions to computer based applications, computer networking services and education and training in the areas of computers.

HCL Limited is engaged in the manufacturing of computer systems which includes personal minis, work stations, software development, production of test and measuring instruments, tele-communication products, reprographic systems, photocopiers etc. and marketing the imported instruments, computer systems, communication products and software.

WIPRO Information Technology Limited (WITL) is engaged in the manufacture of computer systems which include micros, minis, work stations and computer peripherals like printers, software development both for indigenous and export marketing, marketing of imported comrmter systems, software, medical instruments.

The turnover figures published for the year 1988-89 for CMC, HCL and WITL are Rs. 105 crores, Rs. 121 chores and Rs. 94 crores, respectively. The estimated turnover of WITL for the year 1989-90 is over Rs. 100 crores.

Trained computer manpower In *the* country

1796. SHRI BIR BHADRA PRATAP SINGH: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that India needs a large number of trained computer personnel;

(b) if so, the steps being taken to fulfil the need of trained computer manpower in the country; and

(c) what are the details of the training programmes in the Computer field launched by the Computer Maintenance Corporation of India and the National Instil tute of Information Technology (NUT)?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT !(PROF. M.G.K. MENON): (a) Yes, Sir.

(b) Government initiated a programme on development of manpower for the field of computers in 1983. At present, about 400 institutions are conducting computer courses at degree|diploma levels as compared to only about 40 institutions in 1983. The annual output of trained manpower in this field has increased to over 10,000 in 1989 as compared to less than 1000 in 1983.

(q) CMC limited, a public sector undertaking, runs short-term training courses relating to computers typically of one to two weeks duration. National Institute of Information Technology (NIIT), a private institution, is reported to be running both short-term as well as